

WHERE IS THE ANTENNA?

Amateur operators in the New York City area learned long ago about the magnetic features of automotive antennas. That magnetic characteristic attracted things. Specifically attracted were thieves interested in breaking into the vehicles underneath the antennas. For they knew that an antenna on top of a car meant radios and other electronic equipment were inside, ready



for the stealing. Such equipment could be turned into dollars for the criminal elements.

For that reason, amateurs in larger metropolitan areas became reluctant to mount antennas of any kind on their autos. Temporary magnetic antennas began to proliferate, while those requiring a hole in the vehicle disappeared. Even worse, some amateurs began relying solely on portable units for their communications.

Minds began to work on the targeted task of developing an antenna that would not attract unwanted attention. One enterprising amateur, familiar with automotive construction came up with an idea. Each car has at least four movable metal pieces independent of the body; specifically the hood, trunk, and doors. Upon examination, it became evident that the hood was connected by only three points: each hinge and the front latch. Aside from that, the hood rested upon rubber bumpers along the remainder of its perimeter.

(Continued on page 6)

CLUB OFFICERS

President	Ken Pokigo, KC2AYK
Vice President	Scott Barto, KB2KOL
Secretary	Mettieirene Wagner, KD2DFQ
Financial Sec'y	Judy Levan, N2TEZ
Treasurer	John Leitten, KA2RFT
Director (1 yr.)	Jon Hall, KC2QKB
Director (2 yr.)	Conrad Barrick, KC2WRV

Clubhouse Chair	Pat Groom, KC2VWG
Telstar Editor	Tomm Dean, KA2NXY
Webmaster	Don Niles, K2PMC

WE GOOFED

John Leitten, KA2RFT found an error in last month's item about "CLUB REPEATERS". He points out that we already have a UHF repeater.

The repeater operates on 442.325 MHz, with an input of 447.325 MHz, PL tone 107.2 Hz. It is linked to the Club's 2 meter repeater at the Colden tower.

We take pried in getting things rite. If you see something ink or wrecked, let us know.

wb2elw@verizon.net

BLUE AND UNDERLINED

When you see something in *Telstar* in blue letters and underlined, that means it is an Internet link. Hold the "Control" key and click on the link to open.

Try it! ➡ [sample link](#) (control + click)

APRIL MEETING

For this month's meeting, **Ken Pokigo, KC2AYK** will demonstrate the use of the Internet Radio Linking Project (IRLP) to make amateur contacts all over the world with a portable 2 meter handheld.

For over a month, **STARS** members have been using the newly installed IRLP capability on the **STARS** Hamburg repeater to establish connections to remote repeaters.

Bring your 2 meter portable and be ready to try these connections for your amateur radio enjoyment.



STARS MEETINGS

STARS meetings are usually at 7:00 PM on the first Thursday of each month, at the Hamburg Memorial Youth Center, 200 Prospect Avenue (near Hawkins Avenue) in Hamburg.

This month's meeting will be on **April 2ND**, at 7:00 PM, at the Hamburg Memorial Youth Center.

All are welcome,

The **STARS** board usually meets at 7:00 PM on the fourth Thursday of each month at the Nike Base Radio Clubhouse, just west of the Hamburg Town Arena, 2982 Lakeview Road, Hamburg.

This month, the Board will meet at 7:00 PM on **April 23rd**, at the Nike Base Radio Clubhouse.

All members are welcome to attend.

CLUB NETS

Tuesdays	7:30 PM	147.09 MHz (repeater)
Saturdays	10:00 AM	3.925 MHz +/- QRM
Sundays	9:30 AM	28.380 MHz
Sundays	10:30 AM	147.09 MHz (repeater)

HOW DO I GET A PAPER COPY OF MY LICENSE?

by Thomas Kocialski, KC2CAG

As you may have heard by now, effective 17 February 2015, the FCC is no longer automatically issuing paper copies of amateur radio licenses. This means that if you are a newly licensed ham, a ham who has upgraded to a new license class, or a ham who has renewed a license, changed and address, etc. you will no longer routinely get a paper copy of your license. So, let's say you want a copy to post prominently at your operating location, to carry in your wallet, to use at a Volunteer Examiner session as part of the paperwork to be submitted, or for any other reason you think of.

There are three ways you can get a paper copy of your license.

First, if all you need is a "reference copy" of a license (your own license, or the license of any other ham radio operator), you start by going to the FCC's Universal Licensing System (ULS) search page:

<http://wireless2.fcc.gov/UlsApp/UlsSearch/searchLicense.jsp>. Once there, type in the call sign for the license of interest and click on "search." The search results page will yield some basic data for the licensee. On that page, click on the highlighted call sign to get to a page with even greater detail. Near the top of the page is a link to "Reference Copy." Clicking on that link will get you a .pdf file of the reference copy which can be printed out easily, though with a watermark stating that it is a reference copy.

If you need an official copy of your license, and not a reference copy, you will need to go to the License Manager login page:

<https://wireless2.fcc.gov/UlsEntry/licManager/login.jsp>

Once there, fill in the FRN number from your license and your password. Oops! No password? Forgot your password? No problem. This is the page you also use to log in and establish a password or retrieve an existing one. Once you are on that page, you can click on

the link to obtain a duplicate copy of your license. Note that you will be walked through multiple bureaucratic steps before you can finally complete your "application" to receive a duplicate license!


If, however, you wish to indicate a preference to receive paper copies of your license in the future, go to the License Manager login page as above. Once you log in, you will be able to indicate a preference to receive a paper copy. I did this and in a couple of days I received an email from the FCC with a link, good for 30 days, that took me directly to a web page that automatically downloaded a "pdf" file of an official copy of my license. This looks exactly like the "reference copy" except that the watermark reads "official copy." Given that I had indicated a preference for a paper copy of my license, I am assuming that the next time I change my address, renew my license, etc. I will automatically receive a real paper copy. I can only hope so, right?

(editor's note: Tom, KC2CAG, is a former STARS member now living in Colorado.)

REFERENCE COPY

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.

Cut Along This Line



**UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION**

**AMATEUR RADIO LICENSE
KC2CAG**

KOCIALSKI, THOMAS F
8737 E PHILLIPS PLACE
CENTENNIAL, CO 80112

FCC Registration Number (FRN): 0002960154

Special Conditions / Endorsements

NONE

Grant Date	Effective Date	Print Date	Expiration Date
05-08-2007	03-03-2015	03-03-2015	06-18-2017

File Number	Operator Privileges	Station Privileges	Station Privileges
0006689369	Amateur Extra		PRIMARY

THIS LICENSE IS NOT TRANSFERABLE

(Licensee's Signature) FCC 689 - May 2007

Licensee: This is your radio authorization in sizes suitable for your wallet and for framing. Carefully cut the documents along the lines as indicated and sign immediately upon receipt. They are not valid until signed.

The Commission suggests that the wallet size version be laminated (or another similar document protection process) after signing. The Commission has found under certain circumstances, laser print is subject to displacement.

Cut Along This Line

Cut Along This Line

Call Sign / Number	Grant Date	Expiration Date	File Number	Print Date	Effective Date
KC2CAG	05-08-2007	05-18-2017	0006689369	03-03-2015	03-03-2015

Operator Privileges	Station Privileges	Special Conditions / Endorsement
Amateur Extra	PRIMARY	NONE

THIS LICENSE IS NOT TRANSFERABLE

KOCIALSKI, THOMAS F
8737 E PHILLIPS PLACE
CENTENNIAL, CO 80112

AMATEUR RADIO LICENSE
FCC Registration Number (FRN): 0002960154

FCC 689 - May 2007

FEDERAL COMMUNICATIONS COMMISSION

Cut Along This Line

TUESDAY NIGHT NET

Scott Barto, KB2KOL, reports that the STARS Tuesday Night Roundtable net is back and we need YOU to check in. Find it every Tuesday at 7:30 PM local time on our 2 meter repeater - 147.090 MHz, PL tone of 151.4 or 107.2 Hz.

After taking check-ins, brief club announcements are given, followed by comments on the "topic of the evening." You may even hear check-ins from some of our "snow-bird" members via IRLP. Please join us and bring a friend.

HOW IS YOUR WAS?

John Leitten, KA2RFT, brought a web site to our attention for those amateurs seeking their "Worked All States" (WAS) certificate. Members could use the club station to work this net for their WAS.

www.omiss.net/Facelift/PDF/OMISS-Brochure.pdf

STARS WEBSITE

There have been many changes/updates on the STARS website. Check it out at: www.wb2elw.net.

Thanx to Don Niles, K2PMC, for his excellent work.

FREE EQUIPMENT

Enjoy restoring antique equipment? Free to a good home: an R-383/CRD-2A Army Signal Corps HF Receiver, ca. 1950. In the usual ratty "garage shelf" condition. Needs extensive restoration. Open chassis, no cabinet - intended for rack mounting. Ten octal tubes - a real "boat-anchor". A real "freebie" to someone interested in bringing it back to life. Offered by Dick, K2RDT, from Moravia, NY.

Contact person: Scott, KB2KOL, at kb2kol@arrl.net

FROM YOUR VICE-PRESIDENT:

On Sunday, March 8, 2015 the Nike Base chairman and some members of the Board of Directors held an impromptu mini-work party at the clubhouse to clean, organize, and dispose of accumulated surplus goods. It was highly successful, as the Nike Base is now looking quite nice. Some items that were not fit for the



dumpster will be taken to a metal scrap yard, or listed on eBay to put some money in the STARS treasury.

The focus for the spring will be to reattach a VHF/UHF vertical antenna to the building or side mounted on the tower for local work, and mount VHF/UHF yagis to the tower for long distance capabilities. We are only steps away from a fully functional Class A clubhouse shack.

Although we understand that members often want to donate equipment to the club, **PLEASE DO NOT BRING EQUIPMENT TO THE CLUBHOUSE TO DONATE** unless you have received approval from the Nike Base Chairman or a member of the Board of Directors. One of these members would be happy to consider the equipment you would like to donate. We do not have much storage space and we can not continue to accumulate clutter. Thank you for your attention to this request.

Special thanks to those who were at the work party: Pat Groom, KC2VWG; Jon Hall, KC2QKB; John Leitten, KA2RFT; and Scott Barto, KB2KOL.

73 for now,

Scott, KB2KOL

SOLAR GENERATOR

by Paul Blachowski, WA2DII

Do you know what it is? Well, in simple terms, it's a battery. It can be charged with solar cells, 12 volt DC, or 110 VAC. It is quiet, not like a gas generator. They have a solar controller, 12 volt output, USB 5 volt output for charging cell phones, and an AC inverter output. I have the GOAL Zero Yeti 400 which has a 33 AH battery in it. It will run or charge my laptop in the field. They make a Yeti 150 for half the price but it has a 22 AH battery in it and is limited. AC Inverter is only 80 watts. Mine is 300 watts with a pure sine wave. These are pricey, but look at how compact it is. Yes you can make your own for less, but it won't be as nice and compact. These are great for field day or when power goes out. Good for Camping when you are off grid, and will keep your phone charged, as well as your 12 volt lights!

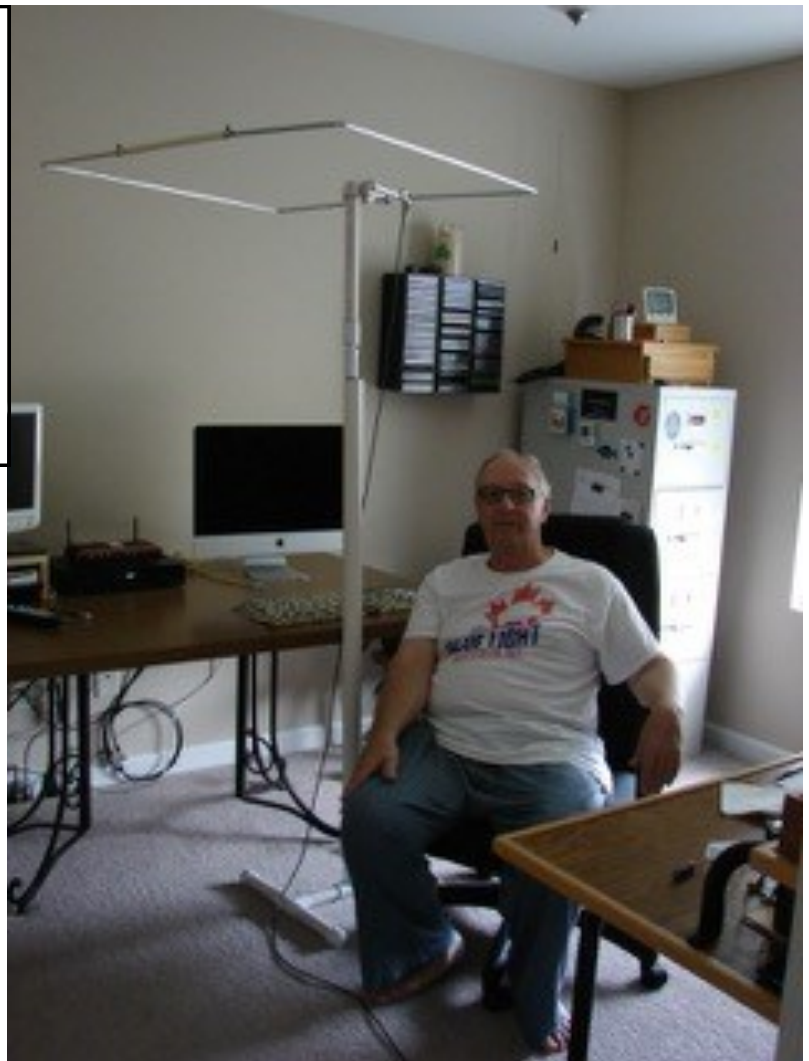


Learn more about them at the Goal Zero website: <http://goalzero.com/>

OPERATING VHF CONTESTS

by Paul Blachowski, WA2DII

You don't need a fancy antenna system to operate. Here is mine: a six meter loop up six feet in my room. I talked to TX, LA, FL, & GA. So you see, any type of antenna will work. Be creative!



WHERE IS THE ANTENNA?

(continued from page 1)

Of course, each hinge and the front latch were of metal on metal construction. So, they were electrically connected. But he reasoned that if he could separate the metal connections, the hood could be considered a separate piece of metal. If possible, the hood could serve as a radiating element while the rest of the car provided the ground plane. That's when he discovered nylon hardware, of a material that would not conduct a charge.

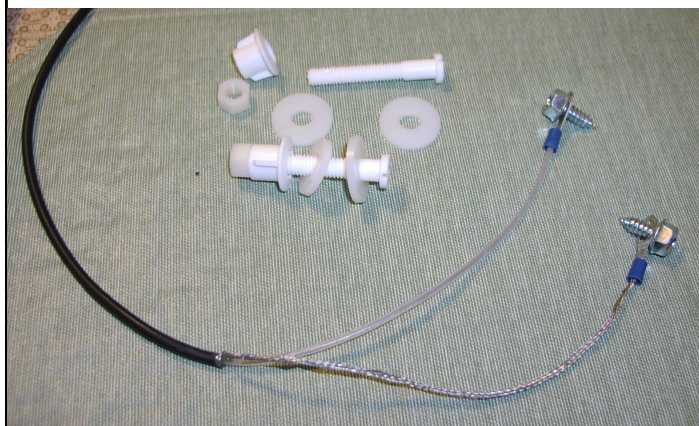
By using nylon hardware for each hinge, and nylon washers for the hood latch, the hood would be electronically independent of the body. The attachment of coaxial cable elements, center conductor to hood, and braid to the body, might just let the hood act as an antenna. He tried it, and found an excellent replacement for standard antennas. More importantly, the fact that a car had an antenna system was invisible to the criminal element.

For each hood hinge, a nylon bolt, two wide washers and two nut were required (one as a locking nut). In replacing the metal bolts, care should be taken, as many hoods have powerful springs to support the weight of the hood when opened.

Connecting the antenna cable was easily accomplished with the use of sheet metal screws in the hood and the body. The nature of sheet metal screws assured a good conducting joint for the radio signal.

A typical automotive hood is approximately two meters long across a diagonal. While not a quarter wave, the other corners serve as nodes to make a more resonant antenna. The antenna is not unidirectional, the favored directions are at a forty-five degree angle from straight ahead.

More and more of these "new" antennas are popping up all over the urban areas.



Nylon hinge hardware and sheet metal screws for coaxial cable



NWS SKYWARN TRAINING

Upcoming training is listed in the table below. For more information, and to register for a training session, use this link:

<http://www.erh.noaa.gov/buf/skywarnt.htm>

DATE	LOCATION	ADDRESS	SPONSOR	CONTACT
Tuesday April 7, 2015	Lancaster Office of Emergency Management	525 Pavement Rd Lancaster, NY 14043	Lancaster Amateur Radio Club	
Monday April 13, 2015	Orleans County Emergency Management	14064 County House Rd Albion, NY 14411	Orleans County Amateur Radio Club	Terry Cook 585-589-6362

HAMFESTS

04/18/2015 [Drumlins Hamfest](#)

Location: VFW Memorial Post 6778
4306 Route 31
Palmyra, NY

Sponsor: Drumlins Amateur Radio Club

Website: <http://www.DrumlinsARC.us>

04/19/2015 [Orange County Hamfest](#)

Location: Walkill Community Center
2 Wes Warren Drive
Middletown, NY

Sponsor: Orange County Amateur Radio Club

Website: <http://www.ocarc-ny.org>

(control + click on name for full information)

STARS 2015 GOALS

Upgrade WB2ELW website	●
Install an IRLP node	●
Implement UHF repeater	●
Install a satellite antenna	●
Complete N1MM linking	●
Rebuild antenna interface box	●
Offer several monthly programs	●
Conduct a "Homebrew Build Project"	●
Participate in Field Day	●
Participate in the NYS QSO Contest	●
Participate in additional contests	●
Conduct 1 major fundraiser	●
Participate in Hamburg's Burgerfest	●

Hamvention® 2015

Homebrew Radio

Is this your year to take the trip to Dayton?
We are gearing up for the biggest Hamvention yet.

Ticket Prices: \$20 in advance, \$25 at the door.
General Inquiry: Dayton Hamvention®
937.276.6930 P.O. Box 964 Dayton, OH 45401

www.hamvention.org

Buy your Tickets, Flea Market, and Inside Exhibit spaces online.
OR Send SASE with a check made out to Dayton Hamvention
To: Hamvention Tickets, P.O. Box 1446, Dayton, OH 45401



May 15-17, 2015 Hara Arena, Dayton, Ohio

AREA EXAM SITES

04/01/2015

[Springville](#)



Sponsor: CCARET
 Location: Bertrand Chaffee Hospital
 East Main Street (NYS Rte 39)
 Time: 7:30 PM (Walk-ins allowed)

04/04/2015

[Jamestown](#)

Sponsor: CARS
 Location: Prendergast Library
 509 Cherry Street 2nd fl conf rm
 Time: 2:00 PM (Walk-ins allowed)

04/08/2015

[Niagara Falls](#)

Sponsor: Niagara Radio Club, Inc.
 Location: Venture Forthe, Inc.
 3900 Packard Road
 Time: 6:30 PM (Walk-ins allowed)

04/11/2015

[North Tonawanda](#)

Sponsor: ARA of the Tonawandas
 Location: North Tonawanda Fire Headquarters
 495 Zimmerman Street - Training Rm
 Time: 10:00 AM (Walk-ins allowed)

04/15/2015

[West Seneca](#)



Sponsor: **STARS**
 Location: West Seneca CERT Operations Center
 900 Mill Road
 Time: 7:00 PM (No walk-ins)

04/18/2015

[Rochester NY](#)



Sponsor: Rochester ARA
 Location: RIT Gleason Engineering Bldg Rm 3139
 1 Lomb Memorial Drive
 Time: 10:00 AM (Walk-ins allowed)

04/26/2015

[Geneseo](#)

Sponsor: Genesee Valley ARA
 Location: Livingston County Government Center
 2 Court Street Rm 205
 Time: 5:30 PM (Walk-ins allowed)

(control-click on City for more info)



: (no fee charged)

TESTING NEEDS

- Legal photo ID (a driver's license is excellent!)
- Current license and/or CSCE documents, if any, and a non-returnable photocopy of each
- Federal Registration Number (FRN); if none, then Social Security Number (SSN)
- \$15 in cash, check or money order
- Two #2 pencils with erasers, and a pen
- Calculators are permitted as long as any programming has been cleared.

[\(more info\)](#)

TESTING RESULTS

STARS conducted a Volunteer Examination session on Saturday, March 21st, at the Hamburg Youth Center.

Eight candidates appeared, taking ten examinations. All candidates passed all examinations taken.

Congratulations to these new amateurs:

James Keller	KD2IJJ	Technician
Aaron Price	KD2IJK	General
Ronald Runo	KD2IJL	Technician
Douglas Schenk	KD2IJM	Technician
William Sylvia	KD2IJN	Technician

Also, congratulations for upgrading/renewing to:

Martha Rupp	KD2FPQ	Extra
Jeffrey Skrzypek	KB2TZL	General
William Wirth	WA2RPF	General

The VEs who made this session possible were:

Conrad Barrick, KC2WRY;
 Shane Brady, WB2WPM;
 Tomm Dean, KA2NXY;
 John Leitten, KA2RFT (on call); and
 Jim Starr, N2TFA.

CONTEST CALENDAR



Start and Finish	Contest Title	Sponsor's Website
Apr 1, 0100Z - Apr 1, 0230Z	QRP Fox Hunt	www.qrpfoxhunt.org/winter_rules.htm
Apr 1, 1300Z - See website	CWOps Weekly Mini-CWT Tests	www.cwops.org/cwt.html
Apr 2, 1700Z - Apr 2, 2000Z	SARL 80m QSO Party	www.sarl.org.za
Apr 3, 0001Z - Apr 12, 2359Z	Lighthouse Spring Lites QSO Party	http://arlhs.com/SL-2015
Apr 3, 0100Z - Apr 3, 0230Z	QRP Fox Hunt	www.qrpfoxhunt.org/winter_rules.htm
Apr 4, 0400Z - Apr 4, 0800Z	LZ Open 40 Meter Contest	www.lzopen.com
Apr 4, 1200Z - Apr 5, 2359Z	QRP ARCI Spring QSO Party	www.qrparci.org/contests
Apr 4, 1400Z - Apr 5, 0159Z	Texas State Parks Contest	www.tspota.com
Apr 4, 1400Z - Apr 5, 0200Z	Mississippi QSO Party	www.arlmiss.org
Apr 4, 1400Z - See website	Missouri QSO Party	www.w0ma.org
Apr 4, 1500Z - Apr 5, 1500Z	SP DX Contest	http://spdxcontest.pzk.org.pl
Apr 4, 1600Z - Apr 4, 2200Z	PODXS 31 Flavors Contest	www.podxs070.com
Apr 4, 1600Z - Apr 5, 1600Z	EA RTTY Contest	http://concurso.ure.es/en/earthy/
Apr 4, 1800Z - Apr 5, 1800Z	Montana QSO Party	www.fvarc.org
Apr 5, 0600Z - Apr 5, 1000Z	UBA Spring Contest, 6m	www.uba.be/hf/contest-rules/spring-contest
Apr 6, 1400Z - Apr 6, 2000Z	Low Power Spring Sprint	www.hamradio.sk
Apr 6, 1500Z - Apr 6, 1730Z	Easter Contest	www.darc.de/referate/dx/contest/xmas/en/rules/
Apr 6, 1630Z - Apr 6, 1730Z	OK1WC Memorial Contest	www.memorial-ok1wc.cz
Apr 7, 0200Z - Apr 7, 0400Z	ARS Spartan Sprint	www.arsgrp.blogspot.com
Apr 8, 0100Z - Apr 8, 0230Z	QRP Fox Hunt	www.qrpfoxhunt.org/winter_rules.htm
Apr 10, 0100Z - Apr 10, 0230Z	QRP Fox Hunt	www.qrpfoxhunt.org/winter_rules.htm
Apr 11, 0700Z - Apr 12, 1300Z	Japan International DX Contest	http://www.jidx.org
Apr 11, 1200Z - Apr 12, 2359Z	Straight Key Weekend Sprintathon	www.skccgroup.com
Apr 11, 1400Z - Apr 12, 0200Z	New Mexico QSO Party	www.newmexicogsoparty.org
Apr 11, 1800Z - See website	Georgia QSO Party	www.georgiasoparty.org
Apr 11, 2100Z - Apr 12, 2100Z	Yuri Gagarin DX Contest	http://gc.qst.ru/en
Apr 12, 1200Z - Apr 12, 1800Z	International Vintage Contest	www.contestvintage.beepworld.it
Apr 12, 1200Z - Apr 12, 2200Z	WAB 3.5/7/14 MHz Data Modes	http://wab.intermip.net/Contests.php
Apr 12, 1500Z - Apr 12, 1700Z	Hungarian Straight Key Contest	http://hskc.ha8kux.com/
Apr 13, 2300Z - Apr 13, 0300Z	VHF Spring Sprints	http://sites.google.com/site/springvhfupsprints
Apr 15, 0030Z - Apr 15, 0230Z	NAQCC Monthly QRP Sprint	http://naqcc.info
Apr 17, 2100Z - Apr 18, 2100Z	Holyland DX Contest	www.iarc.org
Apr 18, 0000Z - Apr 18, 2359Z	TARA Skirmish Dig Pfx Contest	www.n2ty.org/seasons/tara_dpx_rules.html
Apr 18, 0500Z - Apr 18, 0859Z	ES Open HF Championship	www.erau.ee
Apr 18, 0600Z - Apr 19, 0559Z	Worked All Provinces of China	www.mulandxc.org
Apr 18, 1200Z - Apr 19, 2359Z	CQMM DX Contest	www.cqmmcx.com
Apr 18, 1200Z - Apr 19, 2300Z	Nebraska QSO Party	www.qcwa.org/chapter025.htm
Apr 18, 1600Z - Apr 19, 0400Z	Michigan QSO Party	www.miqp.org
Apr 18, 1700Z - Apr 19, 1300Z	EA QRP Contest	www.eagr.com
Apr 18, 1800Z - Apr 19, 1800Z	North Dakota QSO Party	www.w0nd.com
Apr 18, 1800Z - See website	Ontario QSO Party	www.va3cco.com
Apr 18, 2000Z - Apr 18, 2200Z	Feld-Hell New Member Sprint	www.feldhellclub.org
Apr 18, 2100Z - See website	YU DX Contest	http://yudx.yu1srs.org.rs
Apr 19, 1800Z - Apr 19, 2359Z	ARRL Rookie Roundup	www.arrl.org/contests
Apr 20, 0200Z - Apr 20, 0400Z	Run For the Bacon	www.fqgrp.org
Apr 21, 2300Z - Apr 22, 0300Z	VHF Spring Sprints	http://sites.google.com/site/springvhfupsprints
Apr 22, 2000Z - Apr 22, 2100Z	UKEICC 80m Contest	www.ukeicc.com/
Apr 25, 0001Z - Apr 26, 2359Z	Ten-Ten Spring Digital Contest	www.ten-ten.org
Apr 25, 1200Z - Apr 26, 1200Z	SP DX RTTY Contest	www.pkrvg.org
Apr 25, 1200Z - Apr 26, 2359Z	QRP To The Field	www.zianet.com/qrp
Apr 25, 1300Z - Apr 26, 1259Z	Helvetia Contest	http://uska.ch/amateurfunkpraxis/contest/info-kw
Apr 25, 1600Z - See website	Florida QSO Party	www.floridagsoparty.org
Apr 26, 1700Z - Apr 26, 2100Z	BARTG 75 Sprint	www.bartg.org.uk
Apr 29, 2300Z - May 1, 0300Z	UHF Spring Sprints	http://sites.google.com/site/springvhfupsprints
Fridays, 0145Z - 0215Z	NS Weekly RTTY Sprint	www.nccsprint.com
Fridays, 0230Z - 0300Z	NS Weekly Sprint	www.nccsprint.com



(Control + click to activate a link)

For more information on contests: <http://www.arrl.org/contest-calendar>

SPECIAL EVENT STATIONS

Full information at: <http://www.arrl.org/special-event-stations>

American Journal of
PUBLIC HEALTH
May 2013

04/01/2015	K0L	Lunar Eclipse		
04/01/2015	K0N	OzarkCon		
04/03/2015	W5CCH	National Public Health Week		
04/04/2015	W0W	Honoring WWII Code-Talkers and Southern Mississippi Pow Wo		
04/04/2015	K5I	Magnolia DX Association Mississippi QSO Party		
04/04/2015	K5MDX	Magnolia DX Association Mississippi QSO Party		
04/04/2015	K5P	Magnolia DX Association Mississippi QSO Party		
04/04/2015	K5S	Magnolia DX Association Mississippi QSO Party		
04/04/2015	K5M	Magnolia DX Association Mississippi QSO Party Special Event		
04/08/2015	N3S	150th Anniversary of the Surrender at Appomattox		
04/10/2015	AC4RC	68th annual North Carolina Azalea Festival		
04/10/2015	W4S	Venice Sharks Tooth Festival		
04/11/2015	NI6IW	Operation Frequent Wind Commemoration Special Event		
04/11/2015	N4N	Silver Springs State Park- Home of the Glass Bottom Boats		
04/13/2015	N4P	2015 Preparedness Summit		
04/17/2015	W0W	Petal-Southern Miss Pow-Wow		
04/18/2015	W5BMC	Bayou Teche Black Bear Festival		
04/18/2015	W7ZA	GHARC Birthday Event		
04/18/2015	K3SMD	Lincoln 150 Commemoration		
04/18/2015	W1N	The Town That Saved Itself 50th Anniversary		
04/19/2015	N5M	Oklahoma City Memorial Marathon		
04/20/2015	W8S	75th Annual Vermontville Maple Syrup Festival		
04/21/2015	W4S	SUN n FUN International Fly-In & Expo		
04/24/2015	NN4SA	25th anniversary of Hubble Space Telescope launch		
04/25/2015	W9E	225th Anniversary of St Clair County, Illinois		
04/25/2015	N9L	Boy Scouts of America Lincoln Trail Hike		
04/25/2015	W3D	Ft. Miles Delaware WWII Living History Reenactment		
04/25/2015	W5HSV	HSVARC 25th Anniversary		
04/25/2015	W8PRC	Parma Radio Club 3rd Annual Earth Day Celebration Operating on Power from the S		

USEFUL INTERNET LINKS

(control + click to use link)

ARRL MAIN SITE:	http://www.arrl.org/home
ARRL ATLANTIC DIV.:	http://www.atldiv.org
CONTESTS:	http://www.arrl.org/contest-calendar
	http://www.hornucopia.com/contestcal/perpetualcal.php
HAMFESTS:	http://www.arrl.org/hamfests-and-conventions-calendar
STARS REFLECTOR:	http://groups.yahoo.com/group/STARS-WB2ELW/
STARS WEBSITE:	http://www.wb2elw.net
TELSTAR EDITOR:	wb2elw@verizon.net